

## Special Issue

# Research Progress in Nano Thin Film Technology

### Message from the Guest Editors

Advancements in nano-thin film technology over the past decade have led to significant improvements in material performance, with applications addressing problems related to energy and sustainability. Rational design and the development of fabrication and characterization processes have enabled thin film materials to become important in a broad range of applications, such as catalysis, energy storage, electronics, optics, and more. This Special Issue on “Research Progress in Nano Thin Film Technology” seeks experimental and theoretical papers focusing on recent progress in the design and synthesis of novel thin film materials, as well as advancements in their characterization and applications. Submissions of original research articles, review articles, and perspectives are welcomed. Topics include, but are not limited to: Thin film synthesis processes; Surface and interface properties; Thin film design; Crystallized and amorphous thin films; Physical and chemical properties of thin films; Thin film characterization; Catalysis; Energy storage; Electronics; Optics.

### Guest Editors

Dr. Ching-Yu Wang

Dr. Kai Shen

Dr. Prashant K. Sarswat

### Deadline for manuscript submissions

5 February 2026



## Processes

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